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CONTRIBUTIONS OF "LETTERS TO THE EDITOR"

The Editorial Board will be glad to receive and consider for publication letters containing information of general interest to physicians or presenting constructive criticisms on issues of the day.

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EPITOMES—PREVENTIVE MEDICINE AND PUBLIC HEALTH

A substantial portion of the recorded cases is made up of wives of asbestos workers or residents living near industries that use asbestos. This suggests that a very fine particle with a long path may be involved. This could be the ultra-microscopic fibril that is detectable by electron microscopy.

With a clear record of potential harm, asbestos must be used more carefully than in the past. It is widely used in roofing, insulation, pipes and filters. It also is used in motor vehicle brake lining. It is naturally present in drinking water from reservoirs and wells in serpentine rock formations. Water transported in asbestos cement

pipe may pick up asbestos. Some types of talc contain asbestos. Careful evaluation of new developments and processes involving asbestos or serpentine is indicated to avoid unnecessary exposure to this material.

JOHN R. GOLDSMITH, MD

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- Selikoff IJ, Hammond EC, Churg J: Asbestos exposure, smoking, and neoplasia. *JAMA* 204:106-112, Jan 1968
- Wagner JC, Gilson JC, Berry G, et al: Epidemiology of asbestos cancers. *Br Med Bull* 27:71-76, Jan 1971
- Pooley FD: Asbestos bodies, their formation, composition, and character. *Environ Res* 5:363-379, Dec 1972

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COMMITTEE ON CONTINUING MEDICAL EDUCATION

THIS BULLETIN of information regarding continuing education programs and meetings of various medical organizations in **California and Hawaii** is supplied by the Committee on Continuing Medical Education of the California Medical Association. In order that they may be listed here, please send communications relating to your future meetings or postgraduate courses two months in advance to Committee on Continuing Medical Education, California Medical Association, 731 Market Street, San Francisco 94103; or phone (415) 777-2000. Note: Please see **California Medicine**, Vol. 117, No. 4, October, 1972 issue for a list of organizations approved for Category I Credit toward the CMA Certificate in Continuing Medical Education.

CANCER

November 14-15—**Recent Advances in Hematology and Medical Oncology.** See Medicine, November 14-15.

November 15-16—**Current Concepts in the Diagnosis and Treatment of the Hidden Malignancies: The Intra-Abdominal Cancers.** Mt. Zion Hospital and Medical Center at Fairmont Hotel, San Francisco. Friday-Saturday. Contact: Dept. of Cont. Education, Mt. Zion Hospital, P.O. Box 7921, San Francisco 94120. (415) 567-6600, ext. 108.

November 23—**Breast Cancer: Update 1974.** American Cancer Society, N. E. Los Angeles County Unit, at Huntington-Sheraton Hotel, Pasadena. Saturday. 6 hrs. \$20. Contact: Hilario R. Liras, Ed. Dir., ACS, 230 N. Lake Ave., No. 1, Pasadena 91101. (213) 795-7774.

December 8—**Slide Seminar on Tumors of the Gastro-Intestinal Tract.** California Tumor Tissue Registry at Century Plaza Hotel, Los Angeles. Sunday. Contact: Weldon K. Bullock, MD, Exec. Dir., Calif. Tumor Tissue Registry, L.A. County/USC Medical Ctr., 1200 N. State St., Box 40, L.A. 90033. (213) 225-3131, ext. 71820.

January 22—**Carcinoma of the Oral Cavity—Second Annual Central Valley Medical Conference.** American Cancer Society at Holiday Inn, Modesto. Wednesday. Contact Dr. Fredrick Mantz, P.O. Box 285, Modesto 95353. (209) 522-5238.

Continuously—**Tumor Conference.** Cruden Education Center, St. John's Hospital, Oxnard. Fridays, 12:00 noon-1:00 p.m. Advice and consultation from specialists in surgical, medical, radiotherapeutic, chemotherapeutic treatment of cancer. Practicing physicians invited to have patients presented for discussion. Cancer program has 3 year accreditation from American College of Surgeons. Contact: D. Gordon Johnston, MD, Dir. of Med. Ed., St. John's Hospital, 333 N. "F" St., Oxnard 93030. (805) 483-1141, ext. 266.

Continuously—**Tumor Conference.** UCSD at Pickard Auditorium, University Hospital, San Diego. Tuesdays, 4:00 p.m. Contact: Sidney Saltzstein, MD, University Hospital, San Diego. (714) 291-3330, ext. 1071.

Continuously—**Tumor Board—Harbor General Hospital.** Pathology Conference Room, Harbor General Hospital, Torrance. Fridays 3-4 p.m. Advice and consultation from specialists (UCLA faculty members) in surgical, medical, and radiotherapeutic treatment of cancer. Practicing physicians invited to have patients presented for discussion. Contact: John R. Benfield, MD, Dept. of Surgery, Harbor General Hospital, 1000 W. Carson St., Torrance 90509. (213) 328-2380, ext. 281.

MEDICINE

November 13—**Great Issues of the Gut.** N. T. Enloe Memorial Hospital and Butte-Glenn Medical Society at Holiday Inn, Chico. Wednesday. Contact: Mr. John Behrman, Cont. Ed. Prog., N. T. Enloe Memorial Hospital, 5th Ave. & The Esplanade, Chico 95926.

November 14-15—**Recent Advances in Hematology and Medical Oncology.** UCLA at Holiday Inn, Los Angeles. Thursday-Friday.

November 16-17—**Cardiovascular Physiology.** UCSF. Saturday-Sunday.

November 17—**Veterinary Dermatology Seminar.** STAN. Sunday.

November 22—**Complications of Diabetes Mellitus—Pathophysiology and Management.** UCI at VA Hospital, Long Beach. Friday. 6 hrs.

November 23—**Update: Advances in Medical and Surgical Care of the Coronary Patient.** Inter-Hospital Council for Continuing Medical Education of the San Gabriel-Pomona Valleys at Kellogg West Conference Facility, Cal Poly, Pomona. Saturday. \$60. Contact: Donald Adams, Admin., Foothill Presbyterian Hospital, Grand Avenue, Glendora 91740.

November 30-December 1—**Physiology of Respiration.** UCSF. Saturday-Sunday.

KEY TO ABBREVIATIONS AND SYMBOLS

Medical Centers and CMA Contacts for Information

- CMA:** California Medical Association
Contact: Continuing Medical Education, California Medical Association, 731 Market Street, San Francisco 94103. (415) 777-2000.
- LLU:** Loma Linda University
Contact: John E. Peterson, MD, Associate Dean for Continuing Medical Education, Loma Linda University School of Medicine, Loma Linda 92354. (714) 796-7311.
- PMC:** Pacific Medical Center
Contact: Allen J. Enelow, MD, Chairman, Education Committee, Pacific Medical Center, P.O. Box 7999, San Francisco 94120. (415) 563-4321.
- STAN:** Stanford University
Contact: Edward Rubenstein, MD, Associate Dean for Postgraduate Education, Stanford University School of Medicine, 300 Pasteur Drive, Stanford 94305. (415) 497-5594.
- UCD:** University of California, Davis
Contact: Neil C. Andrews, MD, Chairman, Department of Postgraduate Medicine, University of California, Davis, School of Medicine, Davis 95616. (916) 752-0328.
- UCI:** University of California, California College of Medicine, Irvine
Contact: Robert Combs, MD, Associate Dean, Continuing Medical Education, University of California, Irvine—California College of Medicine, Irvine 92664. (714) 833-5991.
- UCLA:** University of California, Los Angeles
Contact: Donald Brayton, MD, Director Continuing Education in Medicine and the Health Sciences, P.O. Box 24902, UCLA, Los Angeles 90024. (213) 825-7241.
- UCSD:** University of California, San Diego
Contact: Richard A. Lockwood, MD, Associate Dean for Health Manpower, 1310 Basic Sciences Building, University of California, San Diego, School of Medicine, La Jolla 92037. (714) 453-2000, ext. 1251.
- UCSF:** University of California, San Francisco
Contact: Malcolm S. M. Watts, MD, Associate Dean and Director, Extended Programs in Medical Education, School of Medicine, University of California, San Francisco 94143. (415) 666-2342.
- USC:** University of Southern California
Contact: Phil R. Manning, MD, Associate Dean, Postgraduate Division, University of Southern California School of Medicine, 2025 Zonal Avenue, Los Angeles 90033. (213) 226-2047.

December 2-6—Advances in Diagnosis and Treatment in Clinical Medicine. American College of Physicians, UCLA, and Harbor General Hospital at Marriott Hotel, Los Angeles. Monday-Friday. \$140 for ACP members; \$200 non-members. Contact: ACP, Registrar, Postgraduate Courses, 4200 Pine St., Philadelphia, Pa. 19104. (215) 222-8120.

December 5-7—Advances in Heart Disease 1975. American College of Cardiology at Fairmont Hotel, San Francisco. Thursday-Saturday. Contact: Mary Anne McInerny, Dir., Dept. of Cont. Ed. Programs, ACC, 9650 Rockville Pike, Bethesda, Md. 20014. (301) 530-1600.

December 7—Seminar on the Practical Aspects of Blood Banking. UCLA. Saturday.

December 11—Colloquia in Cardiology—No. 7: Echocardiography. American College of Cardiology at Ambassador Hotel, Los Angeles. Wednesday. Contact: Mary Anne McInerny, Dir., Dept. of Cont. Ed. Programs, ACC, 9650 Rockville Pike, Bethesda, Md. 20014. (301) 530-1600.

December 11-13—Exercise and Coronary Disease. USC at Sheraton-Waikiki Hotel, Honolulu. Wednesday-Friday.

December 14-15—Kidney Function. UCSF. Saturday-Sunday.

December 15—Advances in Diagnosis and Treatment in Clinical Medicine. UCLA and Granada Community Hospital at Calif. State Univ., Northridge. Sunday. Contact: Rose Degraffenreid, Granada Community Hospital, 10445 Balboa Blvd., Granada Hills 91344. (213) 360-1021, ext. 730.

January 8—Pediatric Dermatology. See Pediatrics, January 8.

January 16-18—The Respective Roles of Medicine and Surgical Treatment in Cardiac Disease in the Adult. American College of Physicians, UCLA, Cedar-Sinai Medical Center at Century Plaza Hotel, Los Angeles. Thursday-Saturday. \$100 for ACP members; \$150, non-members. Contact: Registrar, Postgraduate Courses, 4200 Pine St., Philadelphia, Pa. 19104. (215) 222-8120.

January 17-18—Colonoscopy. American and Southern Calif. Societies for Gastrointestinal Endoscopy at Beverly Hilton Hotel, Beverly Hills. Friday-Saturday. 9 hrs. \$65 for members; \$90, non-members. Contact: Melvin Schapiro, MD, 5400 Balboa Blvd., No. 202, Encino 91316. (213) 981-1300.

January 24-25—Medical Application of Behavior Modification. See Psychiatry, January 24-25.

January 26-February 1—Skiers' Symposium: Pre-, Intra- and Post-Operative Management of the Surgical Patient. See Of Interest To All, January 26-February 1.

January 29—Pediatric Dermatology. See Pediatrics, January 29.

January 29-31—Pediatric Dermatology. See Pediatrics, January 29-31.

Continuously—Clinical Conferences. Community Hospital of Santa Cruz. See Of Interest to All, Continuously.

Continuously—Medical Chest Conference. St. Mary's Hospital, San Francisco. Tuesdays, 4:00-5:00 p.m. in Pulmonary Classroom. Contact: Charles H. Lithgow, MD, Dir. of Medical Education, St. Mary's Hospital, 2200 Hayes St., San Francisco 94117. (415) 752-4000.

Continuously—Medical Morbidity-Mortality Conference. St. Mary's Hospital, San Francisco. Thursdays, 12:15-1:00 p.m. in Staff Lounge. Contact: Charles H. Lithgow, MD, Dir. of Medical Education, St. Mary's Hospital, 2200 Hayes St., San Francisco 94117. (415) 752-4000.

Continuously—Cardiology Conferences. Samuel Merritt Hospital, Oakland. First and third Mondays, 12:00 noon-1:30 p.m., Classroom No. 9. Reviews and case discussions on selected topics of current interest in cardiology. Luncheon served. Contact: Thomas P. Forde, MD, 3326 Webster St., Oakland 94609.

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PROLOID® (thyroglobulin)

Caution: Federal law prohibits dispensing without prescription.

Description. Proloid (thyroglobulin) is obtained from a purified extract of frozen hog thyroid. It contains the known calorically active components, Sodium Levothyroxine (T_4) and Sodium Liothyronine (T_3). Proloid (thyroglobulin) conforms to the primary USP specifications for desiccated thyroid—for iodine based on chemical assay—and is also biologically assayed and standardized in animals.

Chromatographic analysis to standardize the Sodium Levothyroxine and Sodium Liothyronine content of Proloid (thyroglobulin) is routinely employed.

The ratio of T_4 and T_3 in Proloid (thyroglobulin) is approximately 2.5 to 1.

Proloid (thyroglobulin) is stable when stored at usual room temperature.

Indications. Proloid (thyroglobulin) is thyroid replacement therapy for conditions of inadequate endogenous thyroid production: e.g., cretinism and myxedema. Replacement therapy will be effective only in manifestations of hypothyroidism.

In simple (nontoxic) goiter, Proloid (thyroglobulin) may be tried therapeutically, in non-emergency situations, in an attempt to reduce the size of such goiters.

Contraindication. Thyroid preparations are contraindicated in the presence of uncorrected adrenal insufficiency.

Warnings. Thyroglobulin should not be used in the presence of cardiovascular disease unless thyroid-replacement therapy is clearly indicated. If the latter exists, low doses should be instituted beginning at 0.5 to 1.0 grain (32 to 64 mg) and increased by the same amount in increments at two-week intervals. This demands careful clinical judgment.

Morphologic hypogonadism and nephroses should be ruled out before the drug is administered. If hypopituitarism is present, the adrenal deficiency must be corrected prior to starting the drug.

Myxedematous patients are very sensitive to thyroid and dosage should be started at a very low level and increased gradually.

Precaution. As with all thyroid preparations this drug will alter results of thyroid function tests.

Adverse Reactions. Overdosage or too rapid increase in dosage may result in signs and symptoms of hyperthyroidism, such as menstrual irregularities, nervousness, cardiac arrhythmias, and angina pectoris.

Dosage and Administration. Optimal dosage is usually determined by the patient's clinical response. Confirmatory tests include BMR, T_3 ^{131}I resin sponge uptake, T_3 ^{131}I red cell uptake, Thyro Binding Index (TBI), and Achilles Tendon Reflex Test. Clinical experience has shown that a normal PBI (3.5-8 mcg/100 ml) will be obtained in patients made clinically euthyroid when the content of T_4 and T_3 is adequate. Dosage should be started in small amounts and increased gradually with increments at intervals of one to two weeks. Usual maintenance dose is 0.5 to 3.0 grains (32 to 190 mg) daily.

Overdosage Symptoms. Headache, instability, nervousness, sweating, tachycardia, with unusual bowel motility. Angina pectoris or congestive heart failure may be induced or aggravated. Shock may develop. Massive overdosage may result in symptoms resembling thyroid storm. Chronic excessive dosage will produce the signs and symptoms of hyperthyroidism.

(Treatment: In shock, supportive measures should be utilized. Treatment of unrecognized adrenal insufficiency should be considered.)

How Supplied. $\frac{1}{4}$ grain; $\frac{1}{2}$ grain; scored 1 grain; $\frac{1}{2}$ grain; scored 2 grain; 3 grain; and scored 5 grain tablets, in bottles of 100 and 1000.

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Indication: The drug is indicated in the treatment of hypertension. As an antihypertensive drug, Catapres (clonidine hydrochloride) is mild to moderate in potency. It may be employed in a general treatment program with a diuretic and/or other antihypertensive agents as needed for proper patient response.

Warnings: Tolerance may develop in some patients necessitating a reevaluation of therapy.

Usage in Pregnancy: In view of embryotoxic findings in animals, and since information on possible adverse effects in pregnant women is limited to uncontrolled clinical data, the drug is not recommended in women who are or may become pregnant unless the potential benefits outweigh the potential risk to mother and fetus.

Usage in Children: No clinical experience is available with the use of Catapres (clonidine hydrochloride) in children.

Precautions: When discontinuing Catapres (clonidine hydrochloride), reduce the dose gradually over 2 to 4 days to avoid a possible rapid rise in blood pressure and associated subjective symptoms such as nervousness, agitation, and headache. Patients should be instructed not to discontinue therapy without consulting their physician. Rare instances of hypertensive encephalopathy and death have been recorded after cessation of clonidine hydrochloride therapy. A causal relationship has not been established in these cases. It has been demonstrated that an excessive rise in blood pressure, should it occur, can be reversed by resumption of clonidine hydrochloride therapy or by intravenous phentolamine. Patients who engage in potentially hazardous activities, such as operating machinery or driving, should be advised of the sedative effect. This drug may enhance the CNS-depressive effects of alcohol, barbiturates and other sedatives. Like any other agent lowering blood pressure, clonidine hydrochloride should be used with caution in patients with severe coronary insufficiency, recent myocardial infarction, cerebrovascular disease or chronic renal failure.

As an integral part of their overall long-term care, patients treated with Catapres (clonidine hydrochloride) should receive periodic eye examinations. While, except for some dryness of the eyes, no drug-related abnormal ophthalmologic findings have been recorded with Catapres, in several studies the drug produced a dose-dependent increase in the incidence and severity of spontaneously occurring retinal degeneration in albino rats treated for 6 months or longer.

Adverse Reactions: The most common reactions are dry mouth, drowsiness and sedation. Constipation, dizziness, headache, and fatigue have been reported. Generally these effects tend to diminish with continued therapy. The following reactions have been associated with the drug, some of them rarely. (In some instances an exact causal relationship has not been established.) These include: Anorexia, malaise, nausea, vomiting, parotid pain, mild transient abnormalities in liver function tests; one report of possible drug-induced hepatitis without icterus and hyperbilirubinemia in a patient receiving clonidine hydrochloride, chloralhydrate and papaverine hydrochloride.

Weight gain, transient elevation of blood glucose, or serum creatine phosphokinase; congestive heart failure, Raynaud's phenomenon; vivid dreams or nightmares, insomnia, other behavioral changes, nervousness, restlessness, anxiety and mental depression. Also rash, angioneurotic edema, hives, urticaria, thinning of the hair, pruritus not associated with a rash, impotence, urinary retention, increased sensitivity to alcohol, dryness, itching or burning of the eyes, dryness of the nasal mucosa, pallor, gynecomastia, weakly positive Coombs' test, asymptomatic electrocardiographic abnormalities manifested as Wenckebach period or ventricular trigeminy.

Overdosage: Profound hypotension, weakness, somnolence, diminished or absent reflexes and vomiting followed the accidental ingestion of Catapres (clonidine hydrochloride) by several children from 19 months to 5 years of age. Gastric lavage and administration of an analeptic and vasopressor led to complete recovery within 24 hours. Tolazoline in intravenous doses of 10 mg at 30-minute intervals usually abolishes all effects of Catapres (clonidine hydrochloride) overdosage.

How Supplied: Catapres, brand of clonidine hydrochloride, is available as 0.1 mg (tan) and 0.2 mg (orange) oval, single-scored tablets in bottles of 100.

For complete details, please see full prescribing information. Under license from Boehringer Ingelheim GmbH

References: 1. Putzeys, M. R. and Hoobler, S. W.: Comparison of clonidine and methyldopa on blood pressure and side effects in hypertensive patients, *Am. Heart J.* 83:464, 1972. 2. Eikeles, R. S., Goldby, F. S. and Oliver, D. O.: A Double Blind Study of Catapres, A New Antihypertensive Agent, in Conolly, M. E. (ed.): *Catapres in Hypertension*, London, Butterworths, 1970, pp. 139-144. 3. Mroczek, W. J., Leibel, B. A. and Finnerty, F. A., Jr.: Comparison of clonidine and methyldopa in hypertensive patients receiving a diuretic, *Am. J. Cardiol.* 29:712, 1972.

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Continuously—Cardiology Conference/General Medical Conference. Cruden Education Center, St. John's Hospital, Oxnard. Tuesdays, 12:00 noon-1:00 p.m. Conferences including case presentations, discussions of specific cardiology and medical problems. Contact: R. E. Liguori, MD, Dir. of Cardiovascular Laboratory, St. John's Hospital, 333 N. "F" St., Oxnard 93030. (805) 483-1141, ext. 256.

Continuously—Cardiology Conferences. San Diego County Heart Association at Sharp Hospital, San Diego. Fridays, 8-10 a.m. Contact: William Kuzman, MD, Sharp Hospital, 7901 Frost St., San Diego. (714) 277-6121. Or Mrs. Cathy Ware, SDCHA, P.O. Box 3625, San Diego 92103. (714) 291-7454.

Continuously—Clinical Cardiology Conferences. San Diego County Heart Association at University Hospital, San Diego. Thursdays, 8-10 p.m. Contact: Robert O'Rourke, MD, Instructor, Univ. Hospital, San Diego. (714) 294-5663. Or Mrs. Cathy Ware, Prog. Dir., San Diego Co. Heart Assn., 3640 5th St., San Diego 92103. (714) 291-7454.

Continuously—Clinical Cardiology Conference. Thursdays, 8:00 p.m. **Cardiosurgical Conference.** Fridays, 2:00 p.m. UCSD at University Hospital, San Diego.

Continuously—Medical Mortality Conference. UCSD at Pickard Auditorium, University Hospital, San Diego. Fridays, 11:30 a.m.

Continuously—Medical Chest Conference. UCSD alternating between University and VA Hospitals, San Diego. Thursdays, 12:30 p.m.

Continuously—Medical-Surgical G.I. Conference. UCSD at University Hospital, 3rd floor, rm 3, San Diego. Tuesdays, 12:30 p.m.

Continuously—Hematology Pathology/Hematology Morphology Conference. Mondays, 11:00 a.m. **Hematology Clinical Conference.** Mondays, 12 noon. UCSD alternating between University and VA Hospitals, San Diego.

Continuously—Gastroenterology Conference. Tuesdays, 11:00 a.m. **Gastrointestinal Conference.** Tuesdays, 12:30 p.m. **Gastroenterology-Pathology Conference.** Wednesdays, 11:00 a.m. UCSD at University Hospital, San Diego.

Continuously—Renal Dialysis Traineeships. UCSF. By special arrangement.

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Continuously—Clinics in Dermatology. UCSF. By arrangement.

Continuously—Preceptorships in Cardiology. PMC. By arrangement. \$200 per mo.; \$500 for 3 mos. Contact: Arthur Selzer, MD, PMC.

Continuously—Preceptorships in Practical Office Dermatology. PMC. Wednesdays or Fridays, 9:00 a.m.-12:00 noon, for 10 weeks. Periods begin Oct., Jan., or April. \$100. Contact: Harold M. Schneidman, MD, Dept. of Dermatology, PMC.

Continuously—Preceptorships in Infectious Disease. PMC. Full time for four weeks. To be arranged. \$250. Contact: Rodney J. Valentine, MD, Chief, Div. of Infectious Diseases, PMC.

Continuously—Renal Conference. San Joaquin General Hospital, Stockton. First Thursday of each month, 11:00 a.m. to 12:00 noon, Conference Room 2. Contact: J. D. Kortzeborn, MD, Med. Dir., San Joaquin Gen. Hosp., Stockton 95201. (209) 982-1800.

Continuously—Renal Conference. UCSD alternating between University and VA Hospitals, San Diego. Thursdays, 12:30 p.m.

Continuously—Rheumatology Conference. UCSD at Pickard Auditorium, University Hospital, San Diego. 2nd and 4th Fridays, 12:30 p.m.

Continuously—**Cardiology Conference.** San Joaquin General Hospital, Stockton. Third Wednesday of each month, 10:00-11:30 a.m., Conference Room 1. Contact: J. D. Kortzeborn, MD, Med. Dir., San Joaquin Gen. Hosp., Stockton 95201. (209) 982-1800.

Continuously—**Seminar in Clinical and Public Health Aspects of Chest Diseases.** Harbor General Hospital and CRMP Area IV at Harbor General Hospital, Torrance. Three-hour sessions on second Friday of every other month, 9-12 a.m., B-3 classroom, Chest Wards. Presentation of patients demonstrating medical, social, and public health aspects of chest disease, followed by discussion of cases. Course open to physicians, nurses, social workers and personnel concerned with detection and management of patients with chest disease. No fee. Contact: Matthew Locks, MD, Dir., Chest Ward Service, Harbor General Hospital, 1000 W. Carson St., Torrance 90509. (213) 328-2380, ext. 1245.

Continuously—**Training of Physicians in Modern Concepts of Pulmonary Care.** CRMP Area VI, LLU and Riverside General Hospital. Four weeks or more, scheduled by arrangement. Diagnostic and therapeutic methods in medical chest disease, physiological methodology of modern pulmonary care programs, use of new instrumentation in the field. 160 hrs. Contact: George C. Burton, MD, LLU.

Continuously—**Continuing Education in Internal Medicine—Harbor General Hospital.** CRMP Area IV and Harbor General Hospital at Harbor General Hospital, Torrance. Thursdays 12:00-1:00 p.m. Systematic review of internal medicine, lectures by faculty and visiting professors. Contact: A. James Lewis, MD, Program Dir., Harbor General Hospital, 1000 W. Carson St., Torrance 90509. (213) 328-2380, ext. 1534.

Continuously—**Training for Physicians in General Internal Medicine.** LLU. Four weeks or more, scheduled by arrangement. Bedside and classroom training, practical aspects of clinical care and management. 160 hrs. Contact: LLU.

Continuously—**Cardiology Conferences — CRMP Area III.** Monthly, 2:30-5:30 p.m. at Room M112, Stanford Medical Center, Stanford. Conferences including case presentations of local complicated cardiologic problems. Contact: William J. Fowkes, Jr., MD, 703 Welch Road, Suite G1, Palo Alto 94304. (415) 321-1200, ext. 6015.

Grand Rounds—Medicine

Tuesdays

8:30-10:00 a.m., Assembly Hall, Harbor General Hospital, Torrance. UCLA.

9:00-10:00 a.m., Morrissey Hall, St. Mary's Hospital, San Francisco.

Dermatology. 11:00 a.m. VA Hospital, San Diego. UCSD.

Wednesdays

8:00 a.m., A Level Amphitheater, LLU Hospital, LLU.

8:30 a.m., Auditorium, Brown Bldg., Mt. Sinai Hospital, Los Angeles. UCLA.

Dermatology. 10:00 a.m. University Hospital, San Diego. UCSD.

1st Wednesday of each month, 10:00-11:15 a.m., Conference Room 1, San Joaquin General Hospital, Stockton.

10:30-12 noon. Auditorium, Medical Sciences Building. UCSF.

11:00 a.m., Room 1645, Los Angeles County-USC Medical Center. USC.

12:00 noon. Auditorium, School of Nursing, Orange County Medical Center. UCI.

12:30-1:30 p.m., VA Hospital, San Diego. UCSD.

12:30-1:30 p.m., Building 22, VA Hospital, Sepulveda.

Thursdays

8:00 a.m., Sacramento Medical Center, Sacramento. UCD.

8:00-10:00 a.m., 4th Floor, UCLA Medical Center. UCLA.

Neurology. 11:00 a.m., 664 Science, UCSF.

Neurology. 12:30 p.m., University Hospital of San Diego County, San Diego. UCSD.

4th Thursday of each month, 12:30 p.m. in lower conference room, Huntington Intercommunity Hospital, Huntington Beach.

Fridays

8:00 a.m., Auditorium, First Floor, Kern County General Hospital, Bakersfield. UCLA.

8:30-10:00 a.m., Auditorium, Lebanon Hall, Cedars of Lebanon Hospital, Los Angeles. UCLA. Second and Fourth Fridays.

Neurology. 8:30 a.m., held alternately at Stanford University Hospital and Neurology Conference Building 7, VA Hospital, Palo Alto. STAN.

Clinicopathologic Conference. 1st Friday, 12:00-1:30 p.m., Staff Room, St. Mary's Long Beach Hospital, Long Beach.

Internal Medicine. 2nd, 3rd, and 4th Fridays, 12:00-1:30 p.m., Staff Room, St. Mary's Long Beach Hospital, Long Beach.

1:15 p.m., Lieb Amphitheater, Timken-Sturgis Research Bldg., La Jolla. Scripps Clinic and Research Foundation.

Rheumatology. 11:45 a.m., Room 6441, Los Angeles County-USC Medical Center, Los Angeles. USC.

OBSTETRICS AND GYNECOLOGY

November 22-25—**1974 Symposium of Gynecologic Endoscopy.** American Association of Gynecological Laparoscopists at Disneyland Hotel, Anaheim. Friday-Monday. Contact: Jordan M. Phillips, MD, 11239 S. Lakewood Blvd., Downey 90241. (213) 862-8181.

December 2-6—**Family Planning.** UCLA. Monday-Friday. Contact: Irvin M. Cushner, MD, Ob-Gyn Dept., UCLA Center for Health Sciences, L.A. 90024. (213) 825-1046.

January 27-28—**Neonatal Respiratory Symposium.** USC at Marriott Hotel, Los Angeles. Monday-Tuesday. Will reconvene in Aspen, Colo., January 29-31. Contact: John S. McDonald, MD, Dir., Perinatal Anesthesia, P.O. Box 54508, Los Angeles 90054.

January 27-30—**Perinatal Medicine.** USC at Kona Surf Hotel, Kona, Hawaii. Monday-Thursday. \$180.

Continuously—**Ob-Gyn Case Review.** Saturdays, 8:00 a.m. **Gyn Tumor Conference/Mortality Conference.** Wednesdays, 12:30 p.m. **Ob-Gyn Pathology Conference.** Wednesdays, 4:00 p.m. UCSD at University Hospital, San Diego.

Continuously—**Ob/Gyn Conference.** San Joaquin General Hospital, Stockton. Mondays, 12:00-1:30 p.m. in Doctors' Dining Room. Contact: J. D. Kortzeborn, MD, Med. Dir., San Joaquin Gen. Hosp., Stockton 95201. (209) 982-1800.

Continuously—**Ob/Gyn Correlated Pathology Conference.** St. Mary's Hospital, San Francisco. See Radiology and Pathology, Continuously.

Grand Rounds—Obstetrics and Gynecology

Mondays

10:30 a.m., Assembly Room, First Floor, Harbor General Hospital, Torrance. UCLA.

12:00 noon, A Level Amphitheater, LLU Hospital, LLU.

Wednesdays

8:00 a.m., Conference Room, Sacramento Medical Center, Sacramento. UCD.

8:00-9:00 a.m., Fourth Floor Auditorium, UCLA Medical Center. UCLA.

5:00 p.m. Pickard Auditorium, University Hospital, San Diego. UCSD.

Fridays

8:00 a.m., Auditorium, Orange County Medical Center. UCI.

10:30 a.m., Auditorium, Women's Hospital, Los Angeles County-USC Medical Center, Los Angeles. USC.

PEDIATRICS

December 7—**American Academy of Pediatrics, Chapter I, District IX.** San Franciscan-PSA Hotel, San Francisco. Saturday. Contact: Melvin H. Schwartz, MD, 2219 Santa Clara Ave., Alameda 94501. (415) 523-3417.

January 8—**Pediatric Dermatology.** USC at Womens Hospital, Los Angeles. Wednesday.

January 14-15—**Adolescent Medicine.** USC. Tuesday-Wednesday.

January 24-26—**Pediatric Anesthesiology.** See Surgery and Anesthesiology, January 24-26.

January 29—**Pediatric Dermatology.** USC at Womens Hospital, Los Angeles. Wednesday.

January 29-31—**Pediatric Dermatology.** STAN and American Academy of Pediatrics at Holiday Inn, Palo Alto. Wednesday-Friday.

January 30—**The Battered Child.** USC at Casa Royal, Bakersfield. Thursday.

Continuously—**Fellowship in Cleft Palate.** See Surgery, Continuously.

Continuously—**Perinatal Conference.** Earl and Loraine Miller Children's Hospital, Long Beach. Fridays, 12:30 p.m., Conference Room. Contact: Marguerite Markarian, MD, Dir. of Nurseries, Memorial Hospital Medical Center, 2801 Atlantic Ave., Long Beach 90801. (213) 595-3261.

Continuously—**Pediatric Clinical Conference.** Earl and Loraine Miller Children's Hospital, Long Beach. Fridays, 8:00 a.m., Conference Room "H." Contact: Harry W. Orme, MD, Med. Dir., Memorial Hospital Medical Center, 2801 Atlantic Ave., Long Beach 90801. (213) 595-3228.

Continuously—**Preceptorships in Pediatrics.** UCSF. By arrangement.

Continuously—**Pediatric Cardiology Conference.** UCSD. Small Conference Room, University Hospital, San Diego. Fridays, 12:30 p.m.

Continuously—**Pediatrics Clinical Conference.** San Joaquin General Hospital, Stockton. Wednesdays, 10:00-11:15 a.m., and Fridays, 9:30-11:00 a.m., Conference Room 3. Contact: J. D. Kortzeborn, MD, Med. Dir., San Joaquin Gen. Hosp., Stockton 95201. (209) 982-1800.

Continuously—**Pediatric-Cardiology Conference.** San Joaquin General Hospital, Stockton. Third Thursday of each month, 9:30-11:00 a.m., Conference Room 2. Contact: J. D. Kortzeborn, MD, Med. Dir., San Joaquin Gen. Hosp., Stockton 95201. (209) 982-1800.

Continuously—**Pediatric Cardiology Conference.** St. Vincent's Hospital, Los Angeles. Fourth Thursday of each month, 2:00 p.m., Main Doheny Conference Room. Contact: Leonard M. Linde, MD, Chief, Pediatric Cardiology, St. Vincent's Hospital, 3rd and Alvarado Sts., Los Angeles.

Continuously — **Pediatric Conference.** Cedars-Sinai Medical Center, Los Angeles. Thursdays weekly, 8:30-9:30 a.m. Contact: B. M. Kagan, MD, Lebanon Hall, Cedars-Sinai Med. Center, 4833 Fountain Ave., Los Angeles 90029. (213) 662-9111, ext. 181.

RECENT ADVANCES IN NEUROLOGY

JANUARY 29-31, 1975

Cole Hall, Medical Science Building
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San Francisco, California

Presented by

DEPARTMENT OF NEUROLOGY
UNIVERSITY OF CALIFORNIA SCHOOL OF MEDICINE

In cooperation with

EXTENDED PROGRAMS IN MEDICAL EDUCATION
UNIVERSITY OF CALIFORNIA SCHOOL OF MEDICINE
San Francisco, California

The emphasis of this course is on what is **NEW** in clinical neurology.

The *first day* of the program includes the *Sandoz Headache Symposium* for which *Doctors Arnold P. Friedman*, University of Arizona, Tucson, Arizona and *Donald Dalessio*, Scripps Clinic and Research Foundation, La Jolla, California will present talks.

The *other subjects* covered this year include

- VISUAL-EVOKED RESPONSE
- SPINAL VASCULAR MALFORMATIONS
- BRAIN EDEMA
- DRUG-INDUCED COMA
- ADVANCES IN THE TREATMENT OF EPILEPSY
- THE MOYA MOYA SYNDROME
- POST-SYMPATHECTOMY NEURALGIA
- COMPUTERIZED TOMOGRAPHIC (EMI) SCANNING
- NEUROLOGY OF ORGAN TRANSPLANTATION

Doctor Gilbert Glaser, Yale University School of Medicine, New Haven, Connecticut with Doctors Friedman and Dalessio will complete the visiting faculty roster.

The *remainder of the course faculty* is derived from University of California, San Francisco, California. Neurologists, neurosurgeons, internists, pediatricians, generalists, and psychiatrists will find the sessions of interest. It is acceptable for *14½ hours Category 1 Credit* towards the certificate in Continuing Education for the American Medical Association and the California Medical Association.

REGISTRATION FEE IS \$100 (includes lunch); HALF FEE for non-UC residents with letter of verification. REGISTRATION IN ADVANCE IS ADVISED. \$10 FEE for refunds requested before course; NO REFUNDS after course begins.

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For Program Information call (415) 666-4251**

Continuously—**Pediatric Immunology and Allergy Seminar.** UCSD. Wednesdays, 8:00 a.m.

Continuously—**Pediatric Neurology.** UCSD at University Hospital, 3rd floor, rm. 3, San Diego. 1st and 3rd Wednesdays, 12:30 p.m.

Continuously—**Pediatric-Radiology-Urology Conference.** UCSD at University Hospital, Radiology Conference Room, San Diego. 1st and 3rd Fridays, 4:00 p.m.

Grand Rounds—Pediatrics

Tuesdays

Pediatric Cardiology. 7:30 a.m. University Hospital, San Diego. UCSD.

8:00 a.m., Children's Hospital Medical Center, Oakland.

8:30 a.m., Pathology Auditorium, San Francisco General Hospital.

8:30 a.m., University Hospital of San Diego County, San Diego. UCSD.

11:30 a.m., Auditorium, Pediatric Pavilion, Los Angeles County-USC Medical Center, Los Angeles. USC.

12:00 noon, A Level Amphitheater, LLU Hospital, LLU.

Pediatric Infectious Disease. 1:30 p.m. University Hospital, San Diego. UCSD.

Wednesdays

8-9:00 a.m., held alternately at Auditorium, Orange County Medical Center and Auditorium, Children's Hospital of Orange County. UCI.

8:30 a.m., Bothin Auditorium, Children's Hospital, San Francisco.

Thursdays

8:30 a.m., First Floor Auditorium, Harbor General Hospital, Torrance.

8:30-10:00 a.m., Room 664, Science Building, UCSF.

8:30-9:30 a.m., Lebanon Hall, Cedars of Lebanon Hospital, Los Angeles.

Fridays

8:30 a.m., Lecture Room, A Floor, Health Sciences Center, UCLA.

8:00 a.m., Sacramento Medical Center, Sacramento. UCD.

Pediatric Cardiology. 1st Friday of each month. 8:00 a.m., 5th floor Ward, St. Vincent's Hospital, Los Angeles.

8-9:00 a.m., Lecture Hall, Children's Hospital of Los Angeles.

8:30 a.m., Room M104, Stanford University Medical Center, STAN.

8:30-9:30 a.m., alternately at St. Mary's, Children's, Mt. Zion, and Kaiser Hospitals, San Francisco.

9:30-11:00 a.m., Conference Room 2, San Joaquin General Hospital, Stockton.

Infectious Disease. 10:00 a.m., Auditorium, Children's Division Building, Los Angeles County-USC Medical Center, Los Angeles. USC.

PSYCHIATRY

December 2-7—**Psychiatry and Civil Law.** USC. Monday-Saturday. \$175. Contact: Seymour Pollack, MD, Dir., USC Institute of Psychiatry, Law and Behavioral Science, 2025 Zonal Ave., L.A. 90033. (213) 226-4942.

December 13—**Psychological Aspects of the Rehabilitation of Patients with Industrial Back Injuries.** PMC. Friday.

January 15-April 2—**Advanced Psychotherapeutic Techniques—A Practical Approach to Therapy.** UCLA. Wednesday evenings; 12 sessions.

January 24-25—**Medical Application of Behavior Modification.** PMC. Friday-Saturday.

January 25-26—**Autism: Diagnosis, Current Research and Management.** UCLA. Saturday-Sunday.

Continuously—**Adolescent Case Review.** St. Mary's Hospital, San Francisco. Wednesdays, 1:00-2:00 p.m., 3 West Conference Room. Contact: Charles H. Lithgow, MD, Dir. of Medical Education, St. Mary's Hospital, 2200 Hayes St., San Francisco 94117. (415) 752-4000.

Continuously—**Seminar in Ambulatory Methods.** UCSD at Mental Health Clinic, San Diego. Mondays, 11:00 a.m.

Continuously—**Preceptorships in Psychiatry.** UCSF. By arrangement.

Grand Rounds—Psychiatry

Tuesdays

8:30 a.m. VA Hospital, Rm. 2010, San Diego. UCSD.

Wednesdays

10:30 a.m., Sacramento Medical Center, Sacramento. UCD.

Thursdays

11:00 a.m., McAuley Institute, St. Mary's Hospital, San Francisco.

RADIOLOGY AND PATHOLOGY

November 16-17—**American Association for Electromyography and Electrodiagnosis.** St. Francis Hotel, San Francisco. Saturday-Sunday. Contact: W. C. Wiederholt, MD, Sec., 7010 Via Valverde, La Jolla 92037. (714) 459-8443.

January 6-7—**The Hemoglobinopathies—Their Manifestations and Laboratory Diagnosis.** Memorial Hospital Medical Center of Long Beach-UCI Center for Health Education and Am. Soc. of Clinical Pathologists. Monday-Tuesday. \$140. Contact: Exec. Sec., Ctr. for Health Education, 2801 Atlantic Ave., Long Beach 90801. (213) 595-3823.

January 26-28—**Genitourinary Pathology.** UCI at Memorial Hospital Medical Center, Long Beach. Sunday-Tuesday.

January 31-February 2—**Los Angeles Midwinter Radiological Conference—27th Annual.** Los Angeles Radiological Society at Century Plaza Hotel, Los Angeles. Friday-Sunday. Contact: James F. Mack, MD, St. Mary's Hospital, 509 E. 10th St., Long Beach 90813.

Continuously—**Nuclear Medicine Conference.** Radiology Classroom, St. John's Hospital, Oxnard. Mondays, 12:00 noon-1:00 p.m. Cases reviewed and discussed. Advice and consultation from specialists in the practice of nuclear medicine techniques. Contact: Michael Lopiano, MD, Dir. of Nuclear Med. Dept., St. John's Hospital, 333 N. "F" St., Oxnard 93030. (805) 483-1141, ext. 297.

Continuously—**Ob/Gyn Correlated Pathology Conference.** St. Mary's Hospital, San Francisco. Mondays, 12:00 noon, Staff Lounge. Contact: Charles H. Lithgow, MD, Dir. of Medical Education, St. Mary's Hospital, 2200 Hayes St., San Francisco 94117. (415) 752-4000.

Continuously—**Surgical Pathology Conference.** St. Mary's Hospital, San Francisco. 2nd and 4th Wednesdays. Contact: Charles H. Lithgow, MD, Dir. of Medical Education, St. Mary's Hospital, 2200 Hayes St., San Francisco 94117. (415) 752-4000.

Continuously—**Tumor Board.** St. Mary's Hospital, San Francisco. Mondays, 8:00-9:00 a.m., Clinic Building, Room 3. Contact: Charles H. Lithgow, MD, Dir. of Medical Education, St. Mary's Hospital, 2200 Hayes St., San Francisco 94117. (415) 752-4000.

Continuously—**Clinical Pathology Conference.** St. Mary's Hospital, San Francisco. Third Tuesday of each month, 9:00-10:00 a.m., Morrissey Hall. Contact: Charles H. Lithgow,

MD, Dir. of Medical Education, St. Mary's Hospital, 2200 Hayes St., San Francisco 94117. (415) 752-4000.

Continuously — **Radiology Film Reading Sessions.** Orange County Radiology Society and Orange County Medical Center at Orange County Medical Center, Orange. 1st Tuesday of each month, September-June, 7:30-9:00 p.m. Contact: Edward I. Miller, MD, 301 Newport Blvd., Newport Beach. (714) 645-8600.

Continuously—**Cytopathology Seminars.** UCSF. 2nd Thursday of each month, September-June. 5:00-6:00 p.m. Contact: Eileen King, MD, Dept. of Pathology, UCSF. (415) 666-2919.

Continuously — **Cytopathology Tutorial Program.** UCSF. Courses may be arranged throughout the year on the basis of individual needs and goals; fees are prorated accordingly. Arrangements should be discussed with instructor, Eileen B. King, MD, Dept. of Pathology, UCSF. (415) 666-2919.

Continuously—**Principles and Clinical Uses of Radioisotopes.** UCSF. Fundamentals for the proper understanding and use of radioactivity in clinical medicine. Training in diagnostic and therapeutic uses of radioisotopes. Normal period of training: 3 months. Two-part course: Part A, Basic Fundamentals; Part B, Clinical Applications.

Continuously — **Scintiphograph Interpretation.** UCSF and Nuclear Medicine Section, Department of Radiology, UCSF. By special arrangement, designed to furnish physicians with an opportunity to participate in the daily activities of a university laboratory. Two-week training period participation in daily interpretation conferences, correlation conferences, routine training conferences. \$175. Contact: UCSF.

Continuously—**Medical X-Ray Conference.** Monday-Friday, 9:30 a.m. (Wednesdays, 8:30 a.m.). **Diagnostic X-Ray Review.** Wednesdays, 3:30 p.m. UCSD at University Hospital, San Diego.

Continuously—**Radiology/Pathology Conference.** UCSD at University Hospital, Pickard Amphitheatre, San Diego. Thursdays, 12:30 p.m.

Continuously—**G.I. Radiology Conference.** Fridays, 1:00 p.m. **Pediatric Radiology Conference.** Thursdays, 4:30 p.m. UCSD at University Hospital, San Diego.

Continuously—**Neuroradiology Conference.** UCSD at University Hospital, San Diego, Tuesdays, 4:30 p.m. and at VA Hospital, San Diego, Wednesdays, 2:00 p.m.

Continuously—**Ortho-Radiology Conference.** UCSD at VA Hospital, San Diego. Fridays, 8:00 a.m.

Continuously—**Radiology-Urology Conference.** UCSD alternating between University and VA Hospitals, San Diego. Wednesdays, 3:30 p.m.

Continuously—**Pathology Review.** Wednesdays, 9:30 a.m. **Cardiovascular Pathology Conference.** Tuesdays, 8:00 a.m.

Pathology-Urology Conference. Alternate Mondays, 4:30 p.m. UCSD at University Hospital, San Diego.

Grand Rounds—Radiology-Pathology

Mondays

Pathology. 1:00 p.m., Sacramento Medical Center, Sacramento. UCD.

Tuesdays

Radiology. 3rd Tuesday of each month, 8:00 a.m., Bothin Auditorium, Children's Hospital and Adult Medical Center, San Francisco.

SURGERY AND ANESTHESIOLOGY

November 14-15—**Phaco-Fragmentation.** UCSF. Thursday-Friday.

November 14-16—**Phaco-Emulsification.** St. John's Hospital, Santa Monica. Thursday-Saturday. Contact: Robert M. Sinskey, MD, 2222 Santa Monica Blvd., Santa Monica 90404.

November 16—**Intraocular Lens Implant Conference—Current Status and Analysis.** Memorial Hospital Medical Center-UCI Center for Health Education, Long Beach. Saturday. \$100. Contact: Margaret Frederick, Exec. Sec., Center for Health Education, 2801 Atlantic Ave., Long Beach 90801. (213) 595-3823.

November 16-17—**American Society of Anesthesiologists—Regional Refresher Course.** Riviera Hotel, Palm Springs. Saturday-Sunday. Contact: ASA, 515 Busse Highway, Park Ridge, Ill. 60068.

November 20-23—**Western Surgical Association—Annual Meeting.** Union Square Hyatt, San Francisco. Wednesday-Saturday. Contact: William P. Mikkelsen, MD, 1127 Wilshire Blvd., Los Angeles 90017.

November 21-23—**Management of Acute Hand Injuries.** USC and American Academy of Orthopaedic Surgeons at USC. Thursday-Saturday. Contact: USC or Arthur H. Osborne, MD, 3314 Rancho Rio Bonita Rd., Covina 91724.

November 23—**Anesthesia Postgraduate Seminar—Pain, Drug Abuse and Their Management.** UCD at Woodlake Inn, Sacramento. Saturday.

November 23—**Update: Advances in Medical and Surgical Care of the Coronary Patient.** See Medicine, November 23.

December 4-6—**Advise and Dissent in Glaucoma—Annual Ophthalmology Course.** UCSF at Union Square Hyatt, San Francisco. Wednesday-Friday.

December 6-8—**Electronystagmography.** PMC at Sheraton Palace Hotel, San Francisco. Friday-Sunday.

APPLIED NUTRITION— BEGINNING COURSE

Course No. 43-75

CARLTON FREDERICKS, PhD

JANUARY 11, 12, 1975 • 9:00 A.M. TO 5:00 P.M.

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\$100—Doctors
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CLINICAL PATHOLOGY OF THE ORAL MUCOSA

Course No. 81-75

RAYMOND J. MELROSE, DDS
ALBERT M. ABRAMS, DDS, MS

JANUARY 25, 1975 • 9:00 A.M. TO 5:00 P.M.

Tuition:

\$ 55—Doctors
\$ 35—Dental Hygienists
\$ 20—Dental Assistants or Spouse

December 11-14—**Fluorescein Angiography and Photocoagulation in Macular and Retinal Vascular Disease.** USC. Wednesday-Saturday.

December 12-13—**Phaco-Fragmentation.** UCSF. Thursday-Friday.

December 12-14—**Phaco-Emulsification.** St. John's Hospital and Southern Calif. Lions Eye Institute at St. John's Hospital, Santa Monica. Thursday-Saturday. Contact: Robert M. Sinskey, MD, 2222 Santa Monica Blvd., Santa Monica 90404.

December 14—**Orthopaedic Surgery and Surgical Anatomy of the Neck and Upper Extremity.** International College of Surgeons, U.S. Section, at L.A. Orthopaedic Hospital, Los Angeles. Saturday. \$50. 8 hrs. Contact: Irving Rehman, PhD, Chairman, Postgraduate & Ongoing Education Committee, 5153 Tampa Ave., Tarzana 91356. (213) 344-3305.

January 6-10—**Anesthesiology 1975.** Anesthesiology Education Foundation and Calif. Soc. of Anesthesiologists at Mammoth Mountain Inn, Mammoth Lakes. Monday-Friday. \$175. Contact: Richard W. Patterson, MD, Dept. of Anesthesiology, UCLA. (213) 825-5021.

January 9-10—**Phaco-Fragmentation.** UCSF. Thursday-Friday.

January 13-17—**Intensive Course in Otologic Surgery.** Ear Research Institute, USC, St. Vincent's Hospital at Ear Research Institute, Los Angeles. Monday-Friday. \$500; \$200 for residents. Contact: Ear Research Institute, 2130 W. 3rd St., Los Angeles 90057.

January 16-18—**The Respective Roles of Medical and Surgical Treatment in Cardiac Disease in the Adult.** See Medicine, January 16-18.

January 17-18—**Colonoscopy.** See Medicine, January 17-18.

January 19—**Orthopaedic Surgery and Surgical Anatomy of the Wrist and Hand.** International College of Surgeons, U.S. Section, at Los Angeles Orthopaedic Hospital, Los Angeles. Sunday. 8 hrs. \$50. Contact: Irving Rehman, PhD, Chr., Postgraduate & Ongoing Education Committee, 5153 Tampa Ave., Tarzana 91356. (213) 344-3305.

January 20-23—**Midwinter Clinical Convention for Ophthalmology and Otolaryngology.** The Research Study Club of Los Angeles, Inc., at Hilton Hotel, Los Angeles. Monday-Thursday. 28 hrs. Contact: Russell M. Decker, MD, P.O. Box 49412, Los Angeles 90049.

January 24-26—**Pediatric Anesthesiology—13th Clinical Conference.** Children's Hospital of Los Angeles at Marriott Hotel, Los Angeles. Friday-Sunday. 15 hrs. \$100. Contact: Wayne Herbert, MD, Division of Anesthesiology, Children's Hospital, P.O. Box 54700, L.A. 90054.

January 26-28—**Refresher Course in Urology.** UCI at Center for Health Education, Long Beach. Sunday-Tuesday. Contact: Chuck Paul, UCI, Dept. UNEX, Irvine 92664. (714) 833-5193.

January 26-February 1—**Skiers' Symposium: Pre-, Intra- and Post-Operative Management of the Surgical Patient.** See Of Interest To All, January 26-February 1.

January 29-31—**Advances in Neurology.** UCSF. Wednesday-Friday.

Continuously—**Fellowship in Cleft Palate.** Rancho Los Amigos Hospital, Downey. One-year fellowship in the total evaluation and management of cleft lip and cleft palate patients. Contact: Libby Wilson, MD, Rancho Los Amigos Hosp., 7601 E. Imperial Highway, Downey 90242. (213) 922-7454.

Continuously—**Anesthesia Lecture Series.** UCSD at University Hospital, 3rd floor conference room, San Diego. Wednesdays, 4:45 p.m.

Continuously—**Anesthesiology Mortality and Morbidity Conference.** UCSD at VA Hospital, Rm. 6006, San Diego. Thursdays, 4:30 p.m.

Continuously—**Neurological Sciences.** St. Francis Hospital, Lynwood. Wednesdays, 7:30-8:30 a.m. Presentations of radiological evaluations and pathological specimens of current material and review of current topics in specialty. Weekly notification of cases available. Contact: Ralph Miller, Admin. Asst., St. Francis Hospital, 3630 Imperial Highway, Lynwood 90262. (213) 639-5111, ext. 365.

Continuously—**Basic Science Lecture Series.** Dept. of Surgery, St. Mary's Hospital, San Francisco. Mondays, 11:15 a.m.-12:15 p.m., Morrissey Hall. Contact: Charles H. Lithgow, MD, Dir. of Medical Education, St. Mary's Hospital, 2200 Hayes St., San Francisco 94117. (415) 752-4000.

Continuously—**Mini Residencies in Orthopaedics.** STAN. Postgraduate traineeships of 4-14 days duration, as you wish. No tuition but donations accepted. Contact: Orthopaedic Division, Dept. of Surgery, Stanford.

Continuously—**Orthopedic Lecture Series.** Alternately at St. Mary's, St. Joseph's, Mary's Help, VA Martinez, Kaiser San Francisco, and Harkness Memorial Hospitals. Third Tuesday of each month, 6:00 p.m. Contact: Charles H. Lithgow, MD, Dir. of Med. Ed., St. Mary's Hospital, 2200 Hayes St., San Francisco 94117. (415) 752-4000.

Continuously—**Orthopedic Trauma Conference.** USC at Los Angeles County-USC Medical Center. Mondays, 7:00-9:00 p.m. Contact: Dept. of Orthopedics, USC School of Med., 2025 Zonal Ave., Los Angeles 90033. (213) 225-3131.

Continuously—**Preceptorships in General Surgery.** UCSF. By arrangement.

Continuously—**Preceptorships in Neurological Surgery.** UCSF. By arrangement.

Continuously—**Preceptorships in Urology.** UCSF. By arrangement.

Continuously—**Training for Physicians in Nephrology.** CRMP Area VI and LLU at LLU. Courses of four weeks or more available, to be scheduled by arrangement. Hemodialysis, peritoneal dialysis, renal biopsy, and kidney transplantation. 160 hrs. Contact: Stewart W. Shankel, MD, LLU.

Continuously—**Surgical Anatomy.** St. Mary's Hospital, San Francisco. Mondays, 4:30 p.m., St. Mary's Hall, 2 W. Classroom. Contact: Charles H. Lithgow, MD, Dir. of Med. Ed., St. Mary's Hospital, 2200 Hayes St., San Francisco 94117. (415) 752-4000.

Continuously—**Surgical Cline Clinic.** St. Mary's Hospital, San Francisco. Mondays, 1:30 p.m., Morrissey Hall. Contact: Charles H. Lithgow, MD, Dir. of Med. Ed., St. Mary's Hospital, 2200 Hayes St., San Francisco 94117. (415) 752-4000.

Continuously—**Surgical Morbidity and Mortality Conference.** 4th Monday of each month, 9:00-10:00 a.m., Morrissey Hall. Contact: Charles H. Lithgow, MD, Dir. of Med. Ed., St. Mary's Hospital, 2200 Hayes St., San Francisco 94117. (415) 752-4000.

Continuously—**Surgical Mortality and Morbidity Conference.** UCSD alternating between University and VA Hospitals, San Diego. Saturdays. 9:30 a.m.

Continuously—**Ortho Surgical Conference.** UCSD at University Hospital, 3rd floor conference room, San Diego. Wednesdays, 8:00 a.m.

Continuously—**Otolaryngology Conference.** UCSD alternating between University and VA Hospitals, San Diego. Fridays, 8:30 a.m.

Continuously—**Laryngeal Physiology.** UCSD at VA Hospital, San Diego. Fridays, 8:30 a.m.

Continuously — **Surgical Pathology Conference.** See Radiology/Pathology, Continuously.

Continuously—**Thoracic Surgery Conference.** San Joaquin General Hospital, Stockton. Fourth Wednesday of each month, 9:00-10:30 a.m., Conference Room 1. Contact: J. D. Kortzeborn, MD, Med. Dir., San Joaquin Gen. Hosp., Stockton 95201. (209) 982-1800.

Continuously—**Medical Surgical Combined Conference.** San Joaquin General Hospital, Stockton. Second Wednesday of each month, 10:00-11:15 a.m., Conference Room 1. Contact: J. D. Kortzeborn, MD, Med. Dir., San Joaquin Gen. Hosp., Stockton 95201. (209) 982-1800.

Continuously—**Trauma Conference.** UCSD at University Hospital, 1st floor conference room, San Diego. Tuesdays, 3:30 p.m.

Continuously—**Vascular Surgery Conference.** UCSD alternating between VA and University Hospitals, San Diego. Thursdays, 4:00 p.m.

Continuously—**Radiology-Urology Conference. Pathology-Urology Conference.** See Radiology and Pathology, Continuously.

Continuously—**Orthopaedic Audio-Synopsis Foundation.** A non-profit service for Orthopaedic Surgeons publishing monthly recorded teaching programs which include summaries of pertinent literature and excerpts from national and international orthopaedic meetings. Monthly c-60 cassette tapes. Annual subscription rate \$75 (\$37.50 for residents). Contact: A. Harris, Man. Ed., OASF, 1510 Oxley St., So. Pasadena 91030. (213) 682-1760.

Grand Rounds—Surgery

Mondays

9-10 a.m., Morrissey Hall, St. Mary's Hospital, San Francisco.

Tuesdays

Orthopedic Surgery. 8:00 a.m., Sacramento Medical Center, Sacramento. UCD.

Urology. 7:30 a.m., Sacramento Medical Center, Sacramento. UCD.

8:30 a.m., Lebanon Hall Auditorium, Cedars-Sinai Hospital, Los Angeles. UCLA.

Wednesdays

7:15 a.m., Auditorium, Kern County General Hospital, Bakersfield. CRMP Area IV.

8:00-10:00 a.m., San Joaquin General Hospital, Stockton.

3:30 p.m., Sacramento Medical Center, Sacramento. UCD.

Thursdays

Neurology and Neurosurgery. 11:00-12:15, Room 663, Science Building, UCSF.

Fridays

1:00-2:00 p.m., Auditorium, Orange County Medical Center, Orange. UCI.

Neurosurgery. 9:30 a.m., held alternately at Stanford University Hospital and Neurology Conference Building 7, VA Hospital, Palo Alto. STAN.

Otolaryngology. 12:00 noon. University and VA Hospitals, San Diego. UCSD.

Neurology, Neuropathology, Neurosurgery. 4:00 p.m. University and VA Hospitals, San Diego. UCSD.

Saturdays

8:00 a.m., Auditorium, 1st floor, University Hospital, 1st, 3rd, 5th Sat.; VA Hospital, 2nd, 4th Sat., San Diego. UCSD.

Orthopedics. 8:00-9:00 a.m. St. Mary's Hospital, San Francisco.

Orthopedic Surgery. 8:00-9:00 a.m. UCSF. September 21-June 14, 1975. Subjects to be announced.

8:30 a.m., Assembly Room, Harbor General Hospital, Torrance. CRMP Area IV.

9:00 a.m., Room 73-105, Health Sciences Center, UCLA.

Orthopedics. 10:00 a.m. Auditorium of the Children's Division, Los Angeles County-USC Medical Center. The third Saturday of each month. USC.

OF INTEREST TO ALL PHYSICIANS

November 17-22—**American Congress of Rehabilitation Medicine.** St. Francis Hotel, San Francisco. Sunday-Friday. Contact: Creston C. Herold, Exec. Dir., ACRM, 30 N. Michigan Ave., Chicago 60602.

November 19—**Association of Academic Physiatrists.** St. Francis Hotel, San Francisco. Tuesday. Contact: George H. Kraft, Sec., Dept. of Rehabilitation Medicine, Univ. of Washington, Seattle 98195.

November 23—**Anesthesia Postgraduate Seminar—Pain, Drug Abuse and Their Management.** See Surgery and Anesthesiology, November 23.

November 29-December 1—**International College of Applied Nutrition—Fall Seminar.** International Hotel, Palm Springs. Friday-Sunday. Contact: Michael Walczak, MD, P.O. Box 386, La Habra 90631. (213) 697-4576.

December 5-6—**Air Pollution Medical Research Conference.** American Medical Association at Sheraton Palace Hotel, San Francisco. Thursday-Friday. Contact: AMA, 535 N. Dearborn St., Chicago, Ill. 60610.

December 7—**Nosocomial Infections.** UCLA. Saturday.

December 7—**Family Practice Symposium.** Southern California Permanente Medical Group at San Diego. Saturday. Contact: Barbara King, Dept. of Research & Education, Rm. 6014, Kaiser-Permanente, 4900 Sunset Blvd., Los Angeles 90027. (213) 667-4242.

December 27-28—**Symposium on Innovations in Athletic Conditioning and Sports Medicine—2nd Annual.** University Extension at UC, Berkeley. Friday-Saturday. 15 hrs. \$50. Contact: Nathan W. Cohen, PhD, Dir., Curriculum Development in Science, UC Extension, 2223 Fulton St., Berkeley 94720. (415) 642-1061.

January 9-10—**New and Old Antibiotics.** USC. Thursday-Friday.

January 14-April 22—**Acupuncture for Management of Musculo-Skeletal Pain.** UCLA. Mondays, 7-10 p.m.

January 23-24—**Environmental Health and Safety in Health Care Facilities.** UCSF. Thursday-Friday.

January 26-February 1—**Skiers' Symposium: Pre-, Intra- and Post-Operative Management of the Surgical Patient.** Bernard Levinson, MD, Carmichael, Symposium Coordinator. Snowbird-Alta, Utah. Sunday-Saturday. Contact: Daman-Nelson Travel Agency, 115 Mission St., San Francisco. (415) 434-2018.

January 27-31—**Topics in Emergency Medicine.** UCSF. Monday-Friday.

January 29-February 1—**Physician and the Hospital.** USC at Ahwahnee Hotel, Yosemite. Wednesday-Saturday.

Continuously—**Psychiatric Seminars for Physicians.** San Francisco Psychoanalytic Institute, San Francisco. 1st and 3rd Thursdays, October-May, 1975; 8:00 p.m. Invitations to all non-psychiatric physicians of 9 Bay Area counties. Contact: Jerome D. Oremland, MD, Chr., Extension Division, S. F. Psychoanalytic Institute, 2420 Sutter St., San Francisco 94115. (415) 931-4205.

Continuously—**Emergency Care.** USC. September 17-December 3. Tuesdays, 7:30-10:00 p.m.

Continuously—**Bedside Clinics.** USC. September 26-December 19. Thursdays, 7:30-9:30 p.m.

Continuously—**Evening Lectures in Medicine.** UCSF at Oakland Hospital, Oakland. October 1-December 3. Tuesdays (except Nov. 5 and 12).

Continuously—**Clinical Conferences.** UCSF at Community Hospital, Santa Cruz. October 9, 1974-June 11, 1975. Wednesdays.

Continuously—**Continuing Medical Education Noon Conferences.** The Hospital of the Good Samaritan, Los Angeles. Every weekday, 12-1 p.m. For monthly calendar, contact: Janie Sternal, Coord., Cont. Med. Ed., Hosp. of the Good Samaritan, 1212 Shatto St., Los Angeles 90029. (213) 482-8111.

Continuously—**Emergency Room Lecture Series.** UCSD at University Hospital, San Diego. Wednesdays, 10:00 a.m.

Continuously—**Endocrinology, Metabolism, Reproductive Medicine, Genetics Conference.** UCSD alternating between University and VA Hospitals, San Diego. Wednesdays, 11:30 a.m.

Continuously—**Preceptorships in International Health, Microbiology, Pharmacology and Experimental Therapeutics, Physiology and Basic Sciences.** UCSF. By special arrangement.

Continuously—**Family Health Program—Southern California.** 2925 N. Palo Verde, Long Beach. Second Friday of each month. 1:00-2:00 p.m. Contact: UCI.

Continuously — **Lecture Program.** Riverside-San Bernardino Chapter, American Academy of Family Physicians and UCI at Ram's Horn Inn, San Bernardino. 3rd Thursday of each month. 7:30 p.m. Contact: UCI.

Continuously—**Lecture Program.** UCI and Orange County Chapter, American Academy of Family Physicians at Saddleback Inn, Santa Ana. 2nd Monday of each month, 7:30 p.m. Contact: UCI.

Continuously—**Hospital Lecture Program.** UCI at Anaheim Mem. Hosp.; Brea Comm. Hosp.; Fountain Valley Comm. Hosp.; Garden Park Gen. Hosp., Anaheim; Hartland Comm. Hosp., Baldwin Park; Huntington Intercomm. Hosp., Huntington Beach; Imperial Gen. Hosp., Inglewood; La Habra Comm. Hosp.; La Mirada Comm. Hosp.; La Palma Intercommunity Hosp., La Palma; Los Alamitos Gen. Hosp.; Mission Comm. Hosp., Mission Viejo; Palm Harbor Hosp., Garden Grove; Riviera Hosp., Torrance; Rio Hondo Mem. Hosp., Downey; San Gabriel Valley Comm. Hosp., San Gabriel; Stanton Comm. Hosp.; Studebaker Comm. Hosp., Norwalk; West Anaheim Gen. Hosp.; Westminster Comm. Hosp. Contact: UCI.

Continuously—**Professional Education Program.** Porterville State Hospital. Contact: Frank McCarry, MD, P.O. Box 2000, Porterville. (209) 784-2000.

Continuously—**Round Tables with Pacific Medical Center.** PMC and Sonoma Valley Hospital at Sonoma Valley Hospital, Sonoma. Second Monday of each month in Dining Room of the hospital, 8:00-10:00 p.m. \$100 per series, \$15 per session. Contact: William J. Newman, MD, 280 Perkins St., Sonoma 95476. (707) 996-2165.

Continuously—**Basic Science Seminar.** UCSD Wednesdays, 9:15 a.m., University Hospital of San Diego County, San Diego. Contact: UCSD.

Continuously—**Audio-Digest Foundation.** A non-profit subsidiary of CMA. Twice-a-month tape recorded summaries of leading national meetings and surveys of current literature. Services by subscription in: Family Practice, Surgery, Internal Medicine, Ob/Gyn, Pediatrics, Psychiatry, Anesthesiology, Ophthalmology, Otorhinolaryngology. Catalog of lectures and panel discussions in all areas of medical practice also available. \$75 per year. Contact: Mr. Claron L. Oakley, Editor, Suite 700, 1930 Wilshire Blvd., Los Angeles 90057. (213) 483-3451.

Continuously—**Medical Media Network.** Programs and study guides produced in association with faculties of major medical schools and centers throughout the U.S. MMN administered by University Extension, UCLA. Rental or purchase, 16 mm, super 8 mm, videotape and video-cassette. Provides physicians with current educational programs. Contact: Ms. Jan MacAllister, Distribution Mgr., MMN, 10995 Le Conte Ave., Room 540, Los Angeles 90024. (213) 825-7781.

Continuously—**Stanford-Mills Memorial Hospital Continuing Education Program.** STAN at Mills Memorial Hospital, San Mateo. Tuesday-Friday weekly. Basic Science for the Clinician, Grand Rounds, Intensive Care. Contact: STAN.

OREGON

COUNCIL ON MEDICAL EDUCATION

THIS BULLETIN of information regarding continuing education programs and meetings of various medical organizations in Oregon is supplied by the Council on Medical Education of the Oregon Medical Association. In order that they may be listed here, please send communications relating to your future meetings or postgraduate courses two months in advance to Council on Medical Education, Oregon Medical Association, 2164 S.W. Park Place, Portland, Oregon 97205; or phone (503) 226-1555.

MEDICAL GRAND ROUNDS

Providence Hospital, Providence Hall Auditorium, 700 N.E. 47th Avenue, Portland 97213:

November 6—7:00 p.m.—**Comprehensive Health Planning: What are the Goals?**

November 12—7:00 p.m.—**Ampicillin: Reassessment After 20 Years**

November 20—8:00 a.m.—**Clinicopathologic Conference**

December 11—7:00 p.m.—**Blue Cross as a Consumer Advocate**

December 17—7:00 p.m.—**Newer Approaches to the Treatment of Leukemia**

OF INTEREST TO ALL PHYSICIANS

November 30-December 4—**American Medical Association Clinical Meeting,** Portland. Contact: Ernest B. Howard, MD, AMA, 535 N. Dearborn Avenue, Chicago, IL 60610.

November 30—**16th Conference of Medical Aspects of Sports.** Memorial Coliseum, Portland. Contact: AMA Committee on Medical Aspects of Sports, 535 N. Dearborn Avenue, Chicago, IL 60610.

WASHINGTON, MONTANA, ALASKA and IDAHO

In order to have future activities listed here or to receive information on these and other activities, please write Ms. Joan M. Kelday, Information Specialist, Continuing Medical Education, WAMI Program, University of Washington School of Medicine, E-301, Health Sciences Building, SC-45, Seattle, Washington 98195. Phone: (206) 543-6995.

November 14-15—**Drug Therapy.** Thursday-Friday, Seattle. 12 hrs. \$50. Contact: Mr. Richard L. Reimer, Asst. Dir. CME, E-305 HSB, SC-50, Univ. of Wash. Sch. of Med., Seattle 98195. (206) 543-1050.

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November 15-16—Annual Cancer Conference. Friday-Saturday. Virginia Mason Medical Center Auditorium, Seattle. No fee. Contact: Kenneth Wilske, MD, Dir. CME, Virginia Mason Medical Center, 1111 Terry Ave., Seattle 98101. (206) MA 3-3700, Ext. 470.

November 21-22—Care of the Critically Ill Patient. Thursday-Friday. Olympic Hotel and Harborview Medical Center, Seattle. \$45 for physicians, \$30 for nurses and other health professionals. Contact: Mr. Richard L. Reimer, Asst. Dir. CME, E-305 HSB, SC-50, Univ. of Wash. Sch. of Med., Seattle 98195. (206) 543-1050.

December 5-6—Hypertension. Thursday-Friday. Seattle. 12 hrs. \$25. Contact: Richard L. Reimer, Asst. Dir. CME, E-305 HSB, SC-50, Univ. of Wash. Sch. of Med., Seattle, 98195. (206) 543-1050.

January 16-17—What's New in Pediatrics '75. Thursday-Friday. Seattle. Fee not set. Contact: Richard L. Reimer, Asst. Dir. CME, E-305 HSB, SC-50, Univ. of Wash. Sch. of Med., Seattle, 98195. (206) 543-1050.

January 22-24—Advances in Neurology. Wednesday-Friday. Virginia Mason Medical Center Auditorium, Seattle. 18 hrs. \$100, ACP members; \$150, non-members; \$50, ACP Associates. Contact: M. H. Jackson, Registrar, Postgraduate Courses, American College of Physicians, 4200 Pine St., Philadelphia, Pa., 19104.

January 24-25—Tax, Estate and Financial Planning for Physicians. Friday-Saturday. Seattle. Fee not set. Contact: Richard L. Reimer, Asst. Dir. CME, E-305 HSB, SC-50, Univ. of Wash. Sch. of Med., Seattle 98195. (206) 543-1050.

January 26-February 1—Advances in Perinatology. Sunday-Saturday. Sun Valley, Idaho. 37½ hrs. \$100 for physicians, \$30 for nurses and other health professionals. Contact: Richard L. Reimer, Asst. Dir. CME, E-305 HSB, SC-50, Univ. of Wash. Sch. of Med., Seattle 98195. (206) 543-1050.

February 7-8—A Modern Approach to Allergy. Friday-Saturday. Virginia Mason Medical Center Auditorium, Seattle. 9 hrs. \$50. Contact: Kenneth Wilske, MD, Dir. CME, Virginia Mason Medical Center, 1111 Terry Ave., Seattle 98101. (206) MA 3-3700, Ext. 470.

February 19-20—University of Washington School of Medicine's Western Circuit Course: Trauma-Burns-Shock, Emergency Medical Care. Longview Wash., Feb. 19; Olympia, Wash., Feb. 20. 4 hrs. \$25. Contact: Richard L. Reimer, Asst. Dir. CME, E-305 HSB, SC-50, Univ. of Wash. Sch. of Med., Seattle 98195. (206) 543-1050.

February 20-21—Thirteenth Annual Symposium on Respiratory Disease. Thursday-Friday. Olympic Hotel, Seattle. Hours and fee not set. Contact: Richard L. Reimer, Asst. Dir. CME, E-305 HSB, SC-50, Univ. of Wash. Sch. of Med., Seattle 98195. (206) 543-1050.

February 28-March 1—The Intensive Care Patient. Friday-Saturday. Virginia Mason Medical Center Auditorium, Seattle. 9 hrs. \$50. Contact: Kenneth Wilske, MD, Dir. CME, Virginia Mason Medical Center, 1111 Terry Ave., Seattle 98101. (206) MA 3-3700, Ext. 470.

STATEMENT OF OWNERSHIP, MANAGEMENT AND CIRCULATION as required by the Act of August 12, 1970: Section 3685, Title 39, United States Code for THE WESTERN JOURNAL OF MEDICINE, published monthly at San Francisco, California, for September, 1974.

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3. Publisher: California Medical Association, 731 Market Street, San Francisco; Editor, Malcolm S. M. Watts, M.D., 731 Market Street, San Francisco; Managing Editor, David Greer, 731 Market Street, San Francisco.

4. Owner: (If owned by a corporation, its name and address must be stated and also immediately thereunder the names and addresses of stockholders owning or holding 1 percent or more of total amount of stock. If not owned by a corporation, the names and addresses of the individual owners must be given. If owned by a partnership or other unincorporated firm, its name and address, as well as that of each individual must be given.) California Medical Association, 731 Market Street, San Francisco, California 94103 (an unincorporated association).

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